

Public Health
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COUNTY BOROUGH OF WEST HARTLEPOOL

ANNUAL REPORT

upon the

HEALTH of WEST HARTLEPOOL

for the year 1947.


By

JOHN W. McKEGGIE, M.B., Ch.B., D.P.H.

Medical Officer of Health - - - School Medical Officer

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R E P O R T
of the
MEDICAL OFFICER OF HEALTH
for the year 1947

Public Health Department,
Victoria Road,
West Hartlepool.

October, 1948.

To the Mayor, Aldermen and Councillors of the
County Borough of West Hartlepool.

I have the honour to present my eighteenth Annual Report on the health and sanitary circumstances of the County Borough of West Hartlepool.

The report, apart from yearly variations, indicates that the health of the Borough has been well maintained.

The birth rate is the highest for the past twenty-five years and the death rate is about or slightly below the average for the last ten or fifteen years.

Following on the increased birth rate, we have an increased Infantile Mortality rate with a significant increase in "Gastro Enteritis" in young children, scattered throughout the Borough, and throughout the year, making it impossible, through lapse of time and these other factors, to label it with a definite cause, although behind it lies the suspicion of infection through contamination of food or milk, either in handling or in the care of containers, or the dubiety of the source.

I feel that a great deal could be accomplished if a full investigation was carried out locally with central control into each individual infant's death. Much information would be forthcoming which would lead to greater child care, better information, and better and more scientific treatment in the hands of experts or experienced doctors and teachers.

I also feel that much good would be accomplished by the establishment of at least a ward in one of the local hospitals for the care of poorly and sick infants, and that such a ward would lead to a closer link-up with Maternity and Child Welfare Centres if the staff could be appointed to these wards, even in a junior position.

There also followed a large increase of mothers and babies attending Welfare Centres and a large increase in the sale of food, despite the fact that not one of our Centres has been specially built for the purpose and that some are dull, dreary, makeshift accommodation.

The Home Help Scheme increased in popularity and 368 cases were dealt with compared with 254 for last year.

A decided improvement was made in the care of the Tuberculosis patients, and our thanks are due to the voluntary workers who helped in connection with handicrafts and to the close link, through Dr. Cunningham, we have with Poole Sanatorium.

A much brighter and more contented atmosphere prevailed at the Isolation Hospital, due in large measure to the added facilities and recreation provided.

My thanks are due to my Assistants, and to the staff who helped so loyally throughout the year, and I express my personal thanks to the Chairman and Members of the Health Committee for their support and encouragement throughout the year.

I am,

Your obedient Servant,

J.W. McKEGGIE.

MEDICAL OFFICER OF HEALTH.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (Square miles)	6.98
Population (Census 1931)	68,134
Population (Registrar-General's Estimate 1947) ...	70,500
(The calculations in this Report are based on the latter figures)	
Number of Inhabited Houses on 31st December, 1947 according to the Rate Books	19,264
Rateable Value (1st April, 1947)	£410,111
Sum represented by a Penny Rate (31st March, 1947) ...	£1,579
Birth Rate	24.58
Death Rate	13.57
	65

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR

	<u>Total</u>	<u>Male</u>	<u>Female</u>	
Live Births -				
Legitimate	1632	819	813	) Birth Rate per 1,000 of the estimated resident population - 24.58
Illegitimate	101	55	46	

Stillbirths 46. Rate per 1,000 total population = 0.65

Deaths 957. Death Rate per 1,000 of the estimated resident population 13.57

Deaths from puerperal causes -
 From sepsis ... -
 From other causes 1

Total	<u>1</u>
-------	----------

Death Rate of Infants under one year of age:-
 All Infants per 1,000 live births -

Legitimate 61.7	Illegitimate 3.4	Total 65.1
-----------------	------------------	------------

Deaths from Cancer	137
Deaths from Measles (all ages)	1
Deaths from Whooping Cough (all ages)	2
Deaths from Diarrhoea (under two years)	18

HEALTH COMMITTEE1946-47

Councillor Oldfield	(Chairman)
Alderman E. Bloom	(Vice-Chairman)
Alderman Middleton	
Alderman Williams	

Councillor Bratton
 Councillor Mrs. Breward
 Councillor Hand
 Councillor Meredith
 Councillor Relton
 Councillor Rodgers
 Councillor Mrs. Venables

PUBLIC HEALTH OFFICERS OF THE AUTHORITY
PUBLIC HEALTH STAFF

Medical Officer of Health, School Medical Officer, etc.

J.W. McKEGGIE, M.B., Ch.B., D.P.H.

Assistant Medical Officers of Health

JEAN FLOYD FARQUHAR, M.B., Ch.B., D.P.H.

T.W. ROBSON, M.B., Ch.B., D.P.H.

Resigned 28.5.47.

S. HYMAN, B.A., M.B., B.Ch., B.A.O., D.P.H.

Appointed 1.7.47.

M.H. WATERS, B.A., M.B., B.Ch., B.A.O., C.P.H.

Appointed 1.5.47.

Consultant Obstetric Surgeons -

Mr HARVEY EVERS (Newcastle-upon-Tyne)

Mr Wm. HUNTER do.

Mr E. FARQUHAR MURRAY do.

Mr F. STABLER do.

Consultants, Puerperal Pyrexia Regulations -

A.C. AINSLEY, F.R.C.S., L.R.C.P.

Ophthalmia Surgeon (Part-time)

F.S. HUBBERSTY, M.R.C.S., L.R.C.P., F.R.C.S.

Aural Specialist.

R.M. MARSHALL, M.B., Ch.B., F.R.C.S.

School Dentists -

A.G. WILDGOOSE, L.D.S.

MISS M.I. MANLEY, L.D.S.

Chief Sanitary Inspector - and Inspector under Food and Drugs Acts -

H.V. ROBINSON, C.R.S.I.

Sanitary Inspectors and Inspectors under Food and Drugs Acts -

J.C. LIGHTFOOT, M.R.S.I. Cert. S.I.B.

W. CLEMIE, Cert. S.I.B.

Resigned 12.8.47

J.F. EDWARDS, Cert. S.I.B.

A.J. BELL, Cert. S.I.B.

Student Sanitary Inspectors -

E.H. BARNETT

Military Service

W.T. STEVENSON

R.H. GILBERTSON

G. WHITE.

Commenced 9.12.47.

Military Service

Health Visitors -

* Miss A.G. Todd (Gen.& Fever Tr., Certified Midwife, H.V.Cert.)
 * Miss A.S. Bagshaw (Gen. Trained, Cert Midwife, H.V.Cert.)
 * Miss E. Peacock (do do do)
 * Miss A. Fields (do do do)
 * Mrs C.E. Henderson (do do do)
 * Miss H.M. Poole (do do do)

resigned 24.2.47.

Nurse Almoner -

Mrs S. Lambert (Gen. Trained)

Matron, Grantully Maternity Home -

Miss M.B. Peirson (Gen. Trained, Cert. Midwife, Housekeeping Certificate).

Matron Isolation Hospital -

Mrs A. Jones, (General and Fever Trained).

Social Visitor -

i Mrs E.W. Hogg.

Matron, Victoria Road Nursery -

Mrs A. Sanderson, S.R.N.

School Nurses -

* Miss E. Witten (Gen. Trained, Reg. Sick Children's Nurse)
 * Miss O. Mavin, S.R.N., R.S.C.N.
 * Miss I.S. Hird, S.R.N., S.C.M.
 * Miss M. Vandy, S.R.N.

Appointed 17.2.47.

Clerks -

A. Trenholme.
 Miss L. Jarrold.
 Mrs C. Palmer.
 Mrs.M. Wilson (Isolation Hospital)
 Miss J. Halcrow.
 Mrs I. Swanson.
 Miss M. Mackin.
 Miss A. Stott.
 W. Usher.
 Mrs P.I. Ratcliffe
 Miss F. Whitfield.
 Miss E. Snelling.
 Miss P. Richardson.

Resigned 3.10.47.

Resigned 14.6.47.

Appointed 29.9.47.

Appointed 8.12.47.

Public Analyst - (part-time)

C.J.H. Stock, B.Sc., F.I.C.

Rodent Officer -

R. Atkinson

Venereal Disease Attendant -

A. Adamson.

Disinfectors -

T. Hodgson
A. Bower.

Howbeck Hospital.

Senior Medical Officer -

W.A. Nicholson, M.R.C.S., L.R.C.P.

Surgeon -

A.C. Ainsley, F.R.C.S., L.R.C.P. Medical Superintendent.

Resident Medical Officer -

H.M. Marks, M.B., Ch.B.
M. Weisl, M.D. (Prague)

Resigned 15.9.47.

Appointed 29.9.47.

District Medical Officers under Poor Law Acts -
 R.W. Hillis, L.R.C.P.I., & E.M., L.R.C.S.I., & L.M.
 G.S. Mather, M.B., Ch.B., D.P.H.
 A.R. Muir, M.R.C.S., L.R.C.P.

Municipal Midwives -

✕ Mrs B. Phillips	No. 67935	
✕ Mrs E. Galloway	No. 93510	
✕ Mrs M. Brand	No. 98274	
✕ Mrs K.F. Gallimore	No. 90631	
✕ Mrs O. Kay	No. 67863	
✕ Mrs A. Myers	No. 74779	
✕ Mrs W. Pickering	No. 74763	
✕ Mrs L.R. Walker	No. 104224	
✕ Mrs J. Turnbull	No. 76151	(Practising under Order made by Ministry of Health Emergency Powers Defence Act, 1939)
✕ Mrs E.J. Harrison	No. 107247	
✕ Miss I.L. Robertson	No. 95014	

✕ - contributions to salaries from Exchequer Grants.

i - Service appointed between Health and Education Authorities.

Legislation in Force.

List of Local Acts, Adoptive Acts, Byelaws and Local Regulations relating to Public Health.

Local Acts:-

West Hartlepool Extension and Improvement Act, 1870
 West Hartlepool Corporation Act, 1931.

Byelaws and Regulations:-

Byelaws regulating:- Sanitary Conveniences 1909; Means of Escape in case of Fire, 1914; Offensive Trades, 1917; Public Abattoir, 1917; Employment of Children, 1920 and 1934; Good Rule (Nuisances), 1920; Tents, Vans, Sheds etc. 1921; Houses-let-in-lodgings, 1922; Maternity Homes, 1927; Nursing Homes, 1928; Fouling of Footways by Dogs, 1930; Noisy Organs and Musical Instruments, 1931; Slaughter Houses, 1931 and 1935; Removal of House Refuse, 1934; Removal of Offensive Matter, 1934; Litter, 1934; Common Lodging Houses, 1934; Public Abattoir Regulations, 1935.

Adoptive Acts:-

Infectious Disease (Notification) Act, 1889; Infectious Disease (Prevention) Act, 1890; Public Health Acts Amendment Act, 1890 as amended by Public Health Act, 1936; Notification of Births Act, 1907; Public Health Acts Amendment Act, 1907 as amended by the Public Health Act, 1936; (with the exception of Sections 17, 21, 30, 31, 32, 80, 85 and 91); Public Health Act, 1925 - Part 2 (except Section 20); Health Resorts and Watering Places Act, 1921.

Laboratory Work, 1947.

<u>Specimens Examined.</u>			
Sputum	-	Tuberculosis	Positive 67 Negative 212
Swabs	-	Diphtheria	Positive 15 Negative 186
Smears	-	V.D. Clinic	39
		Doctors' Cases	5
		Hospitals	42
Urines	-		239

Ambulance Facilities

The Corporation maintains an Ambulance Service, comprising four ambulances with adequate staff in a central depot in the town for general and accident cases.

Infectious Diseasecases are removed by an ambulance kept at the Isolation Hospital.

Nursing in the Home

Arrangements under this heading remained the same as in previous years.

Institutional Treatment for Unmarried Mothers, Illegitimate Children, and Homeless Children.

The Public Assistance Committee maintain a home in Blakelock Road for children.

Other children were admitted to various homes under other authorities.

During the year approximately 70 cases were dealt with.

3 Unmarried Mothers were sent to approved institutions to be cared for.

Midwives

Midwives' Acts 1936

During the year the Municipal Midwives Scheme functioned fairly satisfactorily and the following table shows the volume of work carried out.

Cases attended during 1947

	<u>As Midwives</u>	<u>As Maternity Nurses</u>
By Municipal Midwives	560	82
By Private Midwives	20	15
	<hr/>	<hr/>
	580	95
	<hr/>	<hr/>

Some of the Municipal Midwives were engaged periodically in carrying out relief duties at Grantully and Howbeck Hospital during periods of staff shortage.

Home and Domestic Helps.

During the year Home and Domestic Helps were engaged in 368 cases - 140 during the confinement of the mother, and 228 during the illness of the mother, or member of the household.

Payment for the Home and Domestic Help service ranged from Nil to 10/- per day (full cost), in accordance with the financial circumstances of the families.

POOR LAW RELIEF.INSTITUTIONAL RELIEF.

1. Number of persons admitted to the Public Assistance Institution during the year 1947 (excluding E.M.S.patients).

A. for medical treatment	3008
B. for indoor treatment	37

2. Number of persons in the Public Assistance Institution on 1st January, 1947 (excluding colonists).
309

OUT RELIEF.

3. Number of new cases applying for out-relief only during 1947.

Men	514
Women	747
Children	1381

4. Number of persons receiving out-relief on 1st January, 1948.

Men	175
Women	367
Children	252

5. Number of cases applying for out-door medical relief only during 1947.

Men	10
Women	25
Children	13

6. Number of persons receiving Medical relief on 1st January, 1948, who are also in receipt of outdoor relief as shown in paragraph 4 above.

Men	-
Women	-
Children	1

INSTITUTIONAL TREATMENT FOR THE CARE OF MENTAL DEFECTIVES.

During the year the number of mental defectives treated in the Colony at Howbeck House was as follows:-

	<u>Adults</u>		<u>Children</u>	
	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
High Grade	3	13	-	-
Medium Grade	15	70	-	2
Low Grade	16	70	1	8
<hr/>				
TOTALS	34	153	1	10
<hr/>				

Of the above 192 were treated on behalf of other authorities.

Grantully Maternity Home

The following statistics show the details of the work and the satisfactory results achieved.

Number of maternity beds in the institution	...	...	...	21
Number of maternity cases admitted during the year	...	...	...	380
Average duration of stay	...	...	...	14 days
Number of cases delivered by (a) Midwives	...	...	...	177
(b) Doctors	...	...	...	188
Number of cases in which medical aid was sought by midwives in Emergency	...	...	...	69
Number of cases notified as puerperal pyrexia	...	...	...	-
Number of cases of pemphigus neonatorum	...	...	...	-
Number of infants not entirely breast-fed while in the Institution..	...	...	...	35
Number of cases notified as ophthalmia neonatorum	...	...	...	-
Number of maternal deaths	...	...	...	1

Cause - Confinement, Obstetric Shock and haemorrhage

Number of infant deaths:

(a) Stillborn

Causes - Difficult forceps delivery	1	
A.P. Haemorrhage	1	
Anencephalic Foetus	2	
Prematures	4	
True knot in umbilical cord	1	
Cause unknown	1	10

(b) Within 10 days

Causes - Prematures	3	
Premature anencephalic	1	4

Howbeck Hospital

The following are details of the maternity cases treated in Howbeck Hospital:-

Number of maternity beds in the institution	...	...	...	20
Number of cases admitted during the year	...	...	...	701
Average duration of stay	...	...	...	12 days
Number of cases delivered by (a) Midwives	...	...	...	580
(b) Doctors	...	...	...	84
Number of cases notified as Puerperal Pyrexia	...	...	...	-
Number of cases of pemphigus neonatorum	...	...	...	-
Number of Infants not entirely breast-fed while in the Institution	...	...	...	44
Number of cases notified as Ophthalmia neonatorum	...	...	...	-
Number of maternal deaths	...	...	...	-
Number of Infant deaths:				

(a) Stillborn

Causes - Prematures	15	
Atelectasis	3	18

(b) Within 10 days

Causes - Prematures	10	
Acute Broncho Pneumonia	1	
Atelectasis	2	
Prolonged labour	1	
Marasmus	3	
Asphyxia Pallida	1	
(Precipitate labour)	<hr/>	18

Maternal Mortality

The number of mothers who died in consequence of childbirth during the year was 1. The cause of death was:-

1. Confinement, Obstetric shock and haemorrhage.

Provision of Additional Maternity Beds.

By an agreement with Hartlepool's Hospital, the West Hartlepool Corporation made provision for six maternity beds per month, for West Hartlepool patients.

66 cases were admitted from January to December.

CLINICS AND TREATMENT CENTRES

The following tables show the nature of the work done at the Clinics and the conditions found:

ANTE-NATAL AND INFANT WELFARE CENTRES.

Centre	Total No. of Children attending Centre	Total attendances	No. of Children who made first attendance	No. of Visits made by these children	No. of Children who attended in Previous Years	No. of Visits made by these Children	No. of New Attenders Under One Year	No. of New Attenders Between 1-5	Ante-Natal Attenders
Mill House	-	1115	-	-	-	-	-	-	451
Dale Street	1246	12445	365	4711	681	7734	249	16	-
St. Luke's	1216	11344	533	4272	883	7122	317	16	-
Oxford Street	1459	18087	580	7448	879	10639	562	18	-
Burbank Street	573	7607	388	5203	285	4404	277	11	-
Seaton Carew	139	2736	20	1272	70	1464	74	6	-
Totals	4633	50294	1646	20906	2798	51363	1479	67	451

METHODS OF FEEDING (First Attenders).

METHOD	ALL CENTRES		
	REGULAR HOURS	IRREGULAR HOURS	TOTAL
Natural (Breast)	799	5	804
Artificial (various)	638	8	646
Combined (natural & artificial)	126	-	126
Breast feeding over 1 yr of age	-	-	-
Children over 1 yr-various diets	76	-	76
TOTALS	1639	13	1652

During the year the sales of dried milk or allied substances at the Centres amounted to £4,251. 19. 5d.

DEFECTS FOUND IN INFANTS ATTENDING CENTRES

	DALE STREET	SEATON	OXFORD STREET	BURBANK STREET	ST. LUKE'S	TOTAL
Dermatitis	-	-	-	-	-	-
Impetigo	4	1	-	-	3	8
Scabies	3	1	3	1	2	10
Eczema	5	-	-	-	3	8
Ophthalm. Neon.	-	-	1	-	-	1
Conjunctivitis	3	1	2	-	-	6
Disease of Tonsils and Adenoids	-	-	-	-	-	-
Otorrhoea	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-
Bronchitis	7	6	10	6	-	29
Rickets	-	-	-	-	-	-
Malnutrition	-	-	-	-	-	-
Marasmus	-	-	1	-	-	1
Anaemia	-	-	-	-	-	-
Thrush	-	-	-	-	-	-
Diarrhoea	-	4	10	2	5	21
Constipation	-	3	9	3	6	21
Umbilical Hernia	5	5	4	3	-	17
Protruding Umbs.	-	5	10	-	-	15
Discharging "	-	-	2	-	-	2
Phimosis	12	9	5	-	15	41
Vomiting	6	-	9	8	7	30
Discharging Eyes	-	-	2	-	4	6
Septic Sores	-	-	3	-	-	3
Green Stools	6	-	-	-	7	13
Dental Defects	-	-	5	-	-	5
Herpes	-	-	-	-	-	-
Mongolism	-	-	-	-	-	-
Hydrocephalus	-	-	-	-	-	-
Other Defects	13	3	12	9	15	52
TOTALS	64	38	88	32	67	289

MATEFNITY AND CHILD WELFARE

(by Dr. J.F. Farquhar)

The number of new attenders (all ages) showed a slight rise of 85, and the number attending rose by 1359 over the 1946 figures. From this it follows that the mothers continued their attendances for longer than has been their custom in former years.

The physical condition of the children remained at a good average level, but the years record was marred by an outbreak of gastro-enteritis, which took away a few of the children.

We hope that when the new Health Centres are built, arrangements will be made for darkening, so that films can be shown for the instruction of the mothers.

It is worth noting that the childrens' garments and their prams and furnishings were showing signs of recovering from the monotony and austerity of the war years.

We are still two short of our normal complement of Health Visitors. Great praise is due to the faithful four who have been coping with the work.

Ultra Violet Clinic.

Because of the demands of the export trade no new lamp had arrived by the end of the year.

Ante-Natal Clinic

This clinic continues on its quiet way. The number of women attending increased by 57 over the previous year, and these women attended more regularly during their pregnancy than has been the custom hitherto. The team work done by the midwives who staff the clinic is excellent and consequently the women are delayed but a short time. We wish very much we had separate cubicles where they could get ready for their examination. In the present building unfortunately, they must share a small dressing room.

In preparation for their coming confinement we give them instruction on a few simple exercises, with an easily understood explanatory chart to take home.

Their general health and physique remain good.

Recommended cases for Birth Control on medical grounds were also dealt with at this Clinic.

Nurseries and Nursery Schools

These continued to be as popular and as necessary as before.

They do valuable work in caring for young children whose parents are in some difficulty.

The endeavour is to have a free and homelike atmosphere.

The children have activities which many would not enjoy at home, pets, gardening, toys, dressing up etc., and are allowed within reason, to follow their own inclination and choose their activity. In summer they have expeditions to the beach and parks.

The mothers have a Club. They meet for talks, working bees and expeditions. At Christmas they helped very largely with the decorations.

The children are healthy and well nourished. Any below standard show an improvement after attending the nursery or nursery school. They are medically inspected regularly and weighed.

Victoria Road Nursery - 80 places. Age groups 0 - 2 and 2 - 5.

Staff:

Matron
Deputy Matron
Warden
2 Nursery Nurses
1 Nursery Trained
15 Probationers.

Grantully Nursery School and Ward Jackson Nursery School are under the control of the Education Authority.

ANTE-NATAL AND POST NATAL SCHEME(a) General Practitioners.

The Scheme whereby every expectant mother could receive ante-natal and post natal care from her own doctor has been continued during 1947.

The following is a brief summary of the reports received:-

	<u>Ante Natal</u>	<u>Post Natal</u>
Total reports received	692	632
Abnormalities reported:		
General medical defects	34	20
Pelvic abnormalities	48	-
Malpresentation	2	-
Poor Nutritional condition	3	-
Recommended for hospital treatment	8	4
Recommended for specialist advice	-	-
Recommended for Nursing		
(Premature Baby)	1	-
Recommended for X-ray	2	2

MIDWIVES' ACTS 1902 - 36

Conditions for which doctors were summoned
in an Emergency by Midwives.

Pregnancy -

Ante-partum haemorrhage	11
Albumen in urine	4
Miscarriage	2
Swollen Legs	1
Illness of Mother	8
Jaundice	1
Contracted pelvis	1

28

Puerperium -

Rise of temperature	6
Inflammation of breast..	4
Retained membrane	1
Oedema of legs & face..	2
Severe cold	1

14

Labour -

Malpresentation	10
Prolonged and difficult labour... ..	34
Ruptured Perineum	53
Placenta praevia	9
Lacerated perineum	48
Complicated breech	1
Uterine inertia	1
Persistent O.P.	1
Forceps delivery	1
P.P. Haemorrhage	3
Cardiac distress	1

162

Infants -

Discharging Eyes	5
Feeble & Premature births	13
Tongue Tie	2
Rash	3
Foetal Distress ..	2
Hare Lip	1
Deformity	1
Gastro-enteritis	1
Imperforated anus	1

29

WORK OF THE HEALTH VISITORMaternity and Child Welfare:-

Visits to children under one year of age - Primary visits	1888
Secondary visits	3912
Visits to children between the age of 1 and 5 years	6984
Visits to expectant mothers - Primary visits	474
Secondary visits	325
Visits to cases of ophthalmia neonatorum - Primary visits	-

Tuberculosis:-

Primary visits to new cases	129
Secondary visits to - Domiciliary cases	591
Dispensary cases	1843

Health Work:-

Visits to cases of pneumonia - Primary visits	119
Visits to cases of puerperal fever and pyrexia - Primary visits	2
Visits to cases of scarlet fever	6
Visits to cases of mental defectives	-
Visits to cases of measles	377
Visits to boarded-out children	11
Visits to cases of scabies	13
Visits to cases of impetigo	13
Visits to cases of Whooping Cough	51
Special enquiries - Housing, Home Helps, etc.	214

Nursing:-

Visits to cases of pneumonia	4
Visits to cases of ophthalmia neonatorum	34
Visits to cases of puerperal fever and pyrexia	-
Visits to cases of scabies	-
Visits to cases of discharging eyes	-

Clinic:-

Sessions at - Maternity and Child Welfare Centres	541
Ante-Natal Clinic	20
Dental (Maternity and Child Welfare)	17
Tuberculosis Dispensary	184
V.D. Clinic	318

School Work:-

Visits to School with School Medical Officer	-
--	---

MATERNITY INSURANCE SCHEME.

The Council maintained their Insurance Scheme throughout the year and I am indebted to the Borough Treasurer for the following financial particulars:-

	<u>Year Ended</u>	
	<u>31st March,</u> <u>1947</u>	<u>31st March,</u> <u>1948</u>
Number of contributors to the scheme	1185	1037
Amount of contributory fees received	£592.10. 0.	£536.17. 6.
Confinements during the period		
(a) No medical attention	665	700
(b) With medical attention	293	152
Amount of Doctors' fees paid by the Corporation... ..	£426. 8. 6.	£380.12. 6.
No. of cases where confinement has not taken place during the period	342	205
Average cost per case of medical treatment	£1. 9. 3.	£2.10. 1.

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT WEST HARTLEPOOL
DURING THE YEAR ENDED 31ST DECEMBER, 1947.

	SYPHILIS		SOFT CHANCRE		GONORRHOEA		NON-VENEREAL OR UNDIAGNOSED CONDITIONS		TOTALS		
	M	F	M	F	M	F	M	F	M	F	Totals
1. Number of cases on 1st January under treatment or observation.	93	84	1	-	30	9	3	2	127	95	222
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection	23	-	-	-	18	1	-	-	41	1	42
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from:-											
Syphilis, primary	15	5	-	-	-	-	-	-	15	5	20
" secondary	7	9	-	-	-	-	-	-	7	9	16
" latent in 1st stage of infection	-	3	-	-	-	-	-	-	-	3	3
" all later stages	2	2	-	-	-	-	-	-	2	2	4
" congenital	1	-	-	-	-	-	-	-	1	-	1
Soft Chancre	1	-	-	-	-	-	-	-	1	-	1
Gonorrhoea, 1st year infection	-	-	-	-	81	16	-	-	81	16	97
later	-	-	-	-	6	3	-	-	6	3	9
Non-Venereal conditions	-	-	-	-	-	-	61	30	61	30	91
Conditions remaining undiagnosed at 31st December	-	-	-	-	-	-	4	3	4	3	7
4. Number of cases dealt with for the first time during the year under report known to have received treatment for the same infection, or to have been under observation, at other Centres, or Service Hospitals or by General Practitioners approved under the Ministry of Health Circular 2226.	25	6	-	-	20	1	-	-	45	7	52
TOTALS OF ITEMS 1, 2, 3 and 4	166	109	2	-	155	30	68	35	391	174	565
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal	11	6	2	-	42	7	59	30	114	43	157
6.(a) Number of cases which ceased to attend before completion of treatment and were on first attendance, suffering from:-											
Syphilis primary	1	3	-	-	-	-	-	-	1	3	4
" secondary	-	3	-	-	-	-	-	-	-	3	3
" latent in 1st year of infection	3	2	-	-	-	-	-	-	3	2	5
" all other stages	2	1	-	-	-	-	-	-	2	1	3
" congenital	-	-	-	-	-	-	-	-	-	-	-
Soft chancre	-	-	-	-	-	-	-	-	-	-	-
Gonorrhoea, 1st year of infection	-	-	-	-	8	2	-	-	8	2	10
" later	-	-	-	-	-	-	-	-	-	-	-
6.(b) Number of cases under treatment or observation which died:-											
From the disease	-	-	-	-	-	-	-	-	-	-	-
From treatment	-	-	-	-	-	-	-	-	-	-	-
From other causes	-	-	-	-	-	-	-	-	-	-	-
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure	17	12	-	-	-	4	-	-	17	16	33
8. Number of cases transferred to other Centres, or to Institutions, or to the care of private practitioners.	43	26	-	-	53	4	5	3	101	33	134
9. Number of cases remaining under treatment or observation on 31st December	89	56	-	-	52	13	4	2	145	71	216
TOTALS OF ITEMS 5, 6, 7, 8 and 9	166	109	2	-	155	30	68	35	391	174	565

	SYPHILIS		SOFT CHANCERE		GONORRHOEA		NON-VENEREAL OR UNDIAGNOSED CONDITIONS		TOTALS		
	M	F	M	F	M	F	M	F	M	F	Totals
10. Number of cases in the following stages of syphilis INCLUDED IN ITEM 6 which failed to complete one course of treatment of either penicillin or of arsenic and bismuth:-											
Syphilis, primary	1	-	-	-	-	-	-	-	1	-	1
" secondary	-	1	-	-	-	-	-	-	-	1	1
" latent in 1st yr. of infection	-	1	-	-	-	-	-	-	-	1	1
" all later stages	-	-	-	-	-	-	-	-	-	-	-
" congenital	-	-	-	-	-	-	-	-	-	-	-
11. Number of attendances:-											
(a) for individual attention of the medical officer(s)	849	665	1	-	555	208	122	56	1527	929	2456
(b) for intermediate treatment e.g. irrigation, dressing	-	-	-	-	155	-	-	-	155	-	155
TOTAL ATTENDANCES	849	665	1	-	710	208	122	56	1682	929	2611
12. In-Patients:-											
Name of Institution (if other than the Treatment Centre) - HOWBECK HOSPITAL											
(a) Total number of persons admitted for treatment during the year	1	-	1	-	1	1	2	-	5	1	6
(b) Aggregate number of "in-patient days" of treatment given	6	-	4	-	4	12	48	-	62	12	74
13. Number of cases treated with penicillin	42	20	-	-	117	23	Other Disease				
							M	F			
							-	-	159	43	202
14. Number of cases of congenital syphilis in Item 3 above classified according to age period.	Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		Totals		
	M	F	M	F	M	F	M	F	M	F	
	-	-	1	-	-	-	-	-	1	-	
15. PATHOLOGICAL WORK:-	Microscopical		Cultural		Serum		Cerebro-spinal fluid		Others for Diagnosis of Venereal Disease		
	for syphilis	for gonorrhoea	for		for syphilis	for gonorrhoea					
(a) Number of SPECIMENS examined at, and by the medical officer of the Treatment Centre.	-	607	-		-	-	-		-		
(b) Number of SPECIMENS from patients attending at the Treatment Centre for examination to an APPROVED laboratory	-	-	-		616	19	-		-		

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	W. Hartlepool.	Durham County	Merchant Navy	Army	R.A.F.	Middlesbrough	South Shields	London	Yorkshire (East Riding)	Ipswich	Norway	Finland	Denmark	Brazil	Canada	U.S.A.	Argentina	Sweden	Manchester
A. Number of cases from each area included under the following headings in Item 3:-																			
Syphilis	31	6	1		1		2		1					2					
Soft Chancre	1																		
Gonorrhoea	64	17	12	1	1	2		1		1	1	4	2						
Non-Venereal and undiagnosed conditions	68	14	12			2													
TOTAL	164	37	25	1	2	4	2	1	1	1	2	4	2	2					
B. Total number of attendances of all patients residing in each area	1908	500	85	1	2	15	2	12	4	3	8	8	2	12	3	16	6	5	3

TUBERCULOSIS

1. GENERAL.

In the first quarter of the year Service cases were frequently seen at the Dispensary or admitted to the Isolation Hospital as transfers from Service or E.M.S. Hospitals. These were "picked-up" largely as a result of routine X-rays (in the case of Naval Men) or by Mass Radiography X-rays. Many of them were inactive.

A Mass Radiography Unit visited the Borough in December and January and carried out 5,838 examinations of which 71 were referred to the Dispensary. Of the latter 34 attended and 11 were admitted to the Isolation Hospital or a Sanatorium; the remainder were kept under observation and mostly proved to be inactive.

It is hard to assess the value of Mass Radiography performed on unselected persons but its value is undoubted if carried out on persons between the ages of 15 and 25 years (especially females). It is noteworthy that 2 "advanced" cases were discovered who complained of no symptoms. This is of importance as such cases are a grave source of infection.

2. DISPENSARY.

Attendance at the Dispensary has been good. Most contacts are examined and few defaulters (cases or contacts) occur; when they do visits are paid to the homes in an endeavour to persuade them to attend.

Many names on the Tuberculosis Register are of those who have ceased to attend the Dispensary and are now fit to have their names removed. To do this it would be necessary to visit all these people which is at present impossible due to the manifold duties of the Tuberculosis Nurse and varied duties of the Doctor. It is hoped this will be remedied in the future.

An efficient filing system for documents and X-rays is not possible at present due to the very cramped accommodation at present provided for records. This has occasioned a great deal of wastage of time and the mislaying or loss of a significant number of records, causing embarrassment to both staff and patients.

A Clinic has been reopened at Mill House, for the examination of children sent for consultation, for prospective emigrants and for confidential consultations with patients, or more often their relatives. It was felt that this Clinic was needed to reduce the long wait of patients attending the Dispensary and to avoid unnecessary exposure of susceptible, non-infected persons to tuberculosis.

3. ISOLATION HOSPITAL.

The following types of case have been admitted:-

- (a) Cases requiring observation either to clarify diagnosis or assess activity of the disease present.
- (b) Cases requiring bed rest with or without Artificial Pneumothorax, to stabilise the disease and fit them for return to home life.

- (c) Cases of massive infectivity who cannot be nursed at home due to the risk of infecting others, or to lack of help or suitable accommodation.

Suitable cases of type (a) or (b) are later transferred to Sanatorium.

The object of taking patients into hospital is not only for treatment, but in some cases to prepare the patients for the routine they will undergo in Sanatorium later, and in other cases, to regulate their way of living, so they may later be safely returned to their homes, in the knowledge that they will take precaution against infecting others, as well as adequately looking after themselves.

Accordingly it has been found necessary to write a short explanation and instruction leaflet, which is given to each patient on admission for his or her guidance.

In addition to the original 24 beds in the Tuberculosis Pavilion 16 Beds in a vacant ward were made available to Tuberculosis cases, at times all were occupied. Recently four revolving shelters have been erected and will be used for selected cases.

It has been observed that quite a number of patients are reluctant to be admitted to hospital, but this prejudice is being overcome. It has largely been achieved by the Handicrafts Scheme, which offers embroidery, rug-making, leather work, etc. to the patients and is supervised by two Voluntary Ladies, to whom we are greatly indebted for their services.

This, with a well stocked library and a large number of games, puzzles, etc., has done much to relieve the inevitable monotony occasioned by lying in bed for a long time.

The equipping of two recreation rooms one with a billiards and snooker table has helped to relieve boredom for up-patients and provide somewhere to sit and read or write in comfort.

In addition to bed-rest treatment, patients have had Artificial Pneumothorax induced where possible, and 23 patients have had their A.P. maintained (these are mostly out-patients).

4. SANATORIA.

It is now the policy, with regard to transfer of cases to Sanatorium from the Isolation Hospital, to send only those cases for whom some definite treatment is in view, e.g. Thorocostomy, Thorocoplasty etc. This has resulted in a much shorter waiting list due to a relatively quick "turn-over" of cases and most patients are now discharged in under 9 months.

Surgical treatment is not carried out at Barrasford Sanatorium and as far as possible cases not requiring such treatment are sent there.

The number of male beds maintained by the Corporation in the past has been sufficient but the female beds are too few and should be increased to cover the requirement. The children's bed allotment is at present adequate.

There has been a marked reduction of the mortality rate for female pulmonary and non-pulmonary cases compared with the previous year; i.e. in 1946 - 18.2% pulmonary compared with 13.8% in 1947 and 8.4% non-pulmonary compared with 5.4%.

1.	Number of cases on Dispensary Register on January 1st.	446
2.	Number of cases transferred from other areas and cases returned after discharge under head 3 in previous years.	2
5.	Number of patients transferred to other areas, cases not desiring further assistance under the scheme, and cases 'lost sight of'	47
4.	Cases written off during the year as dead (all causes)	35
5.	Number of attendances at the Dispensary (including contacts)	1,408
6.	Number of visits by Tuberculosis Officers to homes (including personal consultations)	38
7.	Number of visits by nurses or health visitors to homes for dispensary purposes	2,971
8.	Number of (a) specimens of sputum etc. examined	279
	(b) X-ray examinations in connection with Dispensary work.	416
9.	Number of "Recovered" cases restored to Dispensary Register and included in A (a) and A (b) above.	-
10.	Number of "T.B. Plus" cases on Dispensary Register on 31st December.	147

NUMBER OF BEDS AVAILABLE FOR THE TREATMENT OF TUBERCULOSIS ON 31ST DECEMBER 1947 IN THE INSTITUTIONS BELONGING TO THE COUNCIL.

NAME OF INSTITUTION	FOR PULMONARY CASES		TOTAL
	ADULTS	CHILDREN UNDER 15	
ISOLATION HOSPITAL	40	6	46

RETURN SHOWING THE EXTENT OF RESIDENTIAL TREATMENT AND
OBSERVATION DURING THE YEAR IN INSTITUTIONS (OTHER THAN
POOR LAW INSTITUTIONS) APPROVED FOR THE TREATMENT OF
TUBERCULOSIS.

	IN INST- TUTIONS ON 1ST JANUARY 1948.	ADMITT- ED DUR- ING THE YEAR	DIS- CHARGED DURING THE YEAR.	DIED IN THE INSTI- TUTIONS	IN INSTIT- UTIONS ON 31ST DEC- EMBER :
Number of doubtfully (Adult M Tuberculosis cases (Adult F admitted for observation (Children	- - -	- - -	- - -	- - -	- - -
Total	-	-	-	-	-
Number of patients (Adult M suffering from (Adult F Pulmonary Tuber- (Adult F culosis. (Children	20 24 2	68 64 15	67 61 4	2 10 1	23 21 5
Total	46	147	132	13	49
Number of patients (Adult M suffering from (Adult F Non-Pulmonary (Adult F Tuberculosis. (Children	12 3 6	4 4 8	7 4 10	- - -	3 4 6
Total	21	16	21	-	15
GRAND TOTAL (a), (b) and (c)	67	163	153	13	62

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

The water supply to the area is in the hands of a private Company, who derive the supply from deep wells. The water is not treated or filtered except that the water is chlorinated.

The supply is abundant and of satisfactory quality, although very hard.

Every house has a piped supply, direct from the main.

Four samples have been taken for chemical, microscopical and bacteriological examination, and seven samples for bacteriological examination. All samples have proved to be satisfactory.

The following is a typical analysis of the local supply:-

				<u>Parts per 100,000</u>
Chlorine as Chlorides	...	...	...	12.8000
Nitrogen as Nitrates	...	...	...	0.1631
Ammonia	...	...	...	.0017
Albuminoid Ammonia	...	...	...	.0027
Oxygen Absorption	...	...	...	.0140
Injurious Metals	...	...	...	None
Total solid matter dried @ 100°C.				89.0000
<hr/>				
Temporary hardness	...	25.4	Degrees	
Permanent hardness	...	<u>15.4</u>	"	
Colour of sample on Hazen Scale	...			2
Appearance of sample in 2 foot tube				Not quite bright
Odour when heated to 50°C	...	...		<u>None</u>

MICROSCOPICAL EXAMINATION

Satisfactory

BACTERIOLOGICAL EXAMINATION

Number of colonies on Nutrient Agar @ 37°C, after 72 hours	...	...	...	1 per ml.
Number of colonies on Nutrient Agar @ 20-22°C, after 72 hours	...	...	...	7 in 2 ml.
Presumptive B. Coli. Test @ 37°C. after 72 hours	...	...	...	Negative in 90 ml. Positive in 100 ml.
Clostridium Welchii Test @ 45°C. in 40 ml.				<u>Negative.</u>

OBSERVATIONS

The sample is free from any evidence of contamination by undesirable drainage, and as it is of a high degree of organic purity both on chemical and bacteriological grounds, it is of good and wholesome quality for human consumption.

RATS AND MICE (DESTRUCTION) ACT 1919
INFESTATION ORDER S.R. & O. NO. 680.

The Corporation employ one full-time Rodent Operator to deal with cases notified by the public, and to make inspections to find cases not so notified.

The procedure adopted with regard to baiting and poisons used is that laid down by the Ministry of Food.

During the year 861 visits have been made to lay pre-baits and 299 visits to lay poison baits.

The Borough Engineer's staff have also laid poison baits in the sewers at manhole points.

The cost of rat extermination in private houses is borne equally by the Ministry of Agriculture and the Local Authority. The cost of rat extermination in business premises is the liability of the occupier.

ASHPITS ABOLISHED

	Wards								TOTAL
	North	West	Park	SWest	SEast	Central	NEast	Seaton	
shpits abolished nd circular ans provided	-	-	-	-	-	-	-	-	-

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS
OR REGULATIONS

	<u>Number</u>
Marine Stores	5
Gut Scrapers	2
Tripe Boilers	3
Tallow Melters	3
Bone Boilers	1
Common Lodging Houses	3
Registered Houses-let-in-Lodgings	10
Cowsheds and Retail Purveyors of Milk	40
Shops registered for sale of bottled milk	15
Store registered for sale of Artificial Cream	1
Slaughter House	1

COMMON LODGING HOUSES

SITUATION	Registered Number of Lodgers.	No. of rooms.
18 Rokeby Street	16	7
2 Edward Street	15	4
x 29 George Street	9	2
26 George Street	11	4
Totals	51	17

x - September 1947 - Discontinued - premises empty.

SANITARY INSPECTION OF THE DISTRICT

Inspections were made as follows:-

7023 Visits under the Public Health Acts

1122 Visits under the Housing Acts.

17055 Visits for Overcrowding Survey

208 Visits under the Factories Acts

619 Visits under the Food and Drugs Acts.

4 Visits under the Merchandise Marks Act.

216 Visits under Milk and Dairies Regulations.

176 Visits to fish, fruit and meatshops (unregistered premises)

623 Visits to abattoir.

52 Visits to Places of Entertainment.

8 Visits to offensive Trades

78 Visits to Common Lodging Houses

23 Visits to House-in-let-Lodgings.

255 Visits to Cases of Infectious Diseases.

205 Visits to Homes of Mental Defectives.

82 Visits to Sheds and Caravans.

1354 Complaints attended to.

27 Drains examined.

10 Drains tested.

351 Complaints re Rats attended to.

861 Visits re rats to lay pre-baits.

299 Visits re rats to lay poison baits.

528 Visits re rats other than above.

1925 Intimation Notices served.

341 Statutory Notices served.

Sanitary defects discovered and dealt with by the service of informal or statutory notices:-

Defective drains	9
Stopped drains and water closets	136
Defective yard pavements	28
Defective spouts and fallpipes	357
Defective roofs	247
Defective brickwork	93
Damp walls	67
Defective water closets	259
Defective rainwater pumps, wells, etc.	98
Defective water taps, pipes, etc.	185
No water supply provided	6
Fill in cellars	12
Fill in drinking water well	1
New dustbins required	824
Defective or absent ashcloset doors	11
Offensive accumulation of manure and refuse	6
No washing facilities	12
Dirty dwellings	11
Factory not kept in clean condition	16
Removal of living vans	10
Other nuisances and defects	756
	<hr/>
	3144
	<hr/>

DISINFECTION

Number of premises sprayed and fumigated:

Tuberculosis	...	...	...	...	84 rooms	79 houses
Vermin	...	...	...	...	93 rooms	38 houses
Fever	...	...	...	...	58 rooms	58 houses
Institutions	...	...	...	...	3 rooms	3 institutions
Other	...	...	...	...	11 rooms	11 houses

Number of articles disinfected by steam:

Beds, bed covers and mattresses	...	...	...	...	101
Pillows, pillow cases and bolsters	...	...	...	...	192
Sheets, blankets and quilts	...	...	...	...	161
Articles of clothing	...	...	...	...	69
Sundry articles	...	...	...	...	52

Number of articles destroyed with consent of owner: 144

HOUSING.

The number of inhabited houses in the Borough at the end of 1947 was 19,264, with a population of 70,500. This gives a figure of 3.6 persons per house.

During 1947, 85 houses were built by private enterprise and 154 houses were built by the Corporation.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR.

- (1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) ... 2224
- (b) Number of inspections made for the purpose ... 8145
- (2) (a) Number of dwelling houses (included under (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 ... 44
- (b) Number of inspections made for the purpose ... 220
- (3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation ... 40
- (4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for habitation ... 1899

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:-

Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers 1558

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR:-

A. Proceedings under Secs. 9. 10. and 16, of the Housing Act, 1936:-

(1) Number of dwelling houses in respect of which notices were served requiring repairs 4
 (2) Number of dwelling houses which were rendered fit after service of formal notices:
 (a) by owners 1
 (b) by local authority in default 3

B. Proceedings under Public Health Acts:

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 337
 (2) Number of dwelling houses in which defects were remedied after service of formal notices:-
 (a) by owners 311
 (b) by local authority in default 26

C. Proceedings under Section 11 and 13 of the Housing Act, 1936:-

(1) Number of dwelling houses in respect of which Demolition Orders were made -
 (2) Number of dwelling houses demolished in pursuance of Demolition Orders -

D. Proceedings under Section 12 of the Housing Act, 1936:-

(1) Number of separate tenements or underground rooms in respect of which closing orders were made 21
 (2) Number of separate tenements or underground rooms in respect of which closing orders were determined the tenement or room having been rendered fit 4

4. HOUSING ACT, 1936 PART IV, OVERCROWDING.

(a) (i) Number of dwellings overcrowded at the end of the year 753
 (ii) Number of families dwelling therein 845
 (iii) Number of persons dwelling therein 5063
 (b) Number of new cases of overcrowding reported during the year 74
 (c) (i) Number of cases of overcrowding relieved during the year 171
 (ii) Number of persons concerned in such cases 822
 (d) Cases in which dwelling houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding -

The control of building materials, vide Ministry of Health Circular 171/46, made with the object of directing both building materials and labour to erection of new houses, has retarded repairs and maintenance of old property.

As very little repair work, other than War Damage, was possible during the war years, the arrears of maintenance have grown to such proportions especially in the old property, that it is no longer an economic proposition to carry out repairs.

Until slum clearance is resumed, it is our immediate task to try and maintain as many houses as possible wind and weatherproof, and in cases where even this is not possible, to rehouse the families.

One aspect of this question, which has engaged close attention is the number of derelict ruinous houses which have become an eyesore, and the Council in an endeavour to improve matters are now offering one shilling and sixpence per square yard as site value to owners, and the Corporation bear expense of demolition and clearing the site. Many sites have already been cleared under this procedure.

OVERCROWDING SURVEY.

In order to get more accurate figures as to the extent of overcrowding in the Borough, a new survey was made during the year, and the following is a summary of the information obtained:-

WARD	NO. OF PERSONS LIVING IN OVER-CROWDED CONDITIONS	NO. OF FAMILIES OVERCROWDED	NO. OF HOUSES OVERCROWDED
North	1,065	199	153
North-East.	791	124	106
West	302	58	50
Central	555	85	84
South-West	690	126	111
Park	308	52	46
South-East	858	135	138
Seaton	982	163	124
TOTALS	5,551	942	812

No. of samples taken for examination					Source	Result	Action taken
For presence of tubercle bacilli	For Bacterial Count	For Methylene Blue Test	For Coliform Test	For Phosphate test.			
16 29					Local supply Supply from outside Borough	16 Negative 28 Negative 1 Positive	Nil Nil Responsible authority notified
	11				Local supply	11 Satisfactory	Nil
	17				Supply from outside Borough	11 Satisfactory 6 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
		52			Local supply	37 Satisfactory 15 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
		50			Supply from outside Borough	38 Satisfactory 12 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
			34		Local supply	17 Satisfactory 17 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
			34		Supply from outside Borough	51 Satisfactory 3 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
				14	Local supply	13 Satisfactory 1 Unsatisfactory	Nil Dairyman's attention drawn to unsatisfactory reports.
				22	Supply from outside	21 Satisfactory 1 Unsatisfactory	Nil Dairyman's attention drawn to unsatisfactory reports.

REGISTERED PREMISES USED IN CONNECTION WITH THE
MANUFACTURE OF ICE-CREAM AND FOOD

	<u>No. of premises</u>
Ice-cream	72
Cooked meats, etc. ...	95
Cooked fish	61

ISOLATION HOSPITAL

Disease	No. in Hospital on 1.1.47	Admitted during 1947	Discharged during 1947	Died	In Hospital on 30.12.47
Scarlet Fever	5	164	160	1	8
Diphtheria	5	35	36	-	4
<u>Other Diseases</u>					
Paratyphoid	-	1	1	-	-
Typhoid	-	1	1	-	-
Measles & Pneumonia	-	6	6	-	-
Measles	-	27	23	-	4
Lobar Pneumonia	-	9	8	1	-
Erysipelas	-	3	2	-	1
Meningitis	-	6	2	4	-
Puerperal Pyrexia	-	4	4	-	-
Puerperal Fever	-	1	1	-	-
Poliomyelitis	-	6	4	2	-
TOTALS	10	272	257	8	17

Change of diagnosis and diagnosis of observation cases:-

- 2 Scarlet Fever diagnosed Diphtheria.
 2 Poliomyelitis diagnosed Not Poliomyelitis
 1 Pneumonia diagnosed Typhoid.
 1 ? Meningitis diagnosed. Observation.
 1 ? Diphtheria diagnosed Quinzy.
 1 Observation diagnosed Paratyphoid Fever.
 1 Diphtheria diagnosed Tonsillitis.
 1 Measles diagnosed Scarlet Fever.
 1 Pneumonia diagnosed Measles.
 1 Poliomyelitis diagnosed Influenza.
 1 Scarlet Fever diagnosed Chicken-pox.
 1 ? Scarlet Fever diagnosed Measles.

Patient Days.

West Hartlepool cases	...	...	...	...	...	...	...	3132
Cases from other areas	...	...	...	...	...	...	...	629

Duration of Stay (excluding deaths).

					<u>Shortest</u>	<u>Longest</u>
Scarlet Fever	...	...	...	...	4	51
Diphtheria	...	...	...	...	6	91
Other cases	...	...	...	...	3	81

Deaths in Hospital.

	Duration of Stay					
	Less than 24 hours	1-2 days	2-7 days	1-4 weeks	Over 4 wks	TOTAL
Diphtheria	-	-	-	-	-	-
Meningitis	1	-	-	2	1	4
TOTALS	1	-	-	2	1	4

VACCINATION STATISTICS

Total	Successfully vaccinated	815
"	Conscientious objectors	335
"	Died unvaccinated	72
"	Insusceptible	4
"	Postponed by Medical certificates	13
"	Removed to other districts	72
"	Lost sight of	14
"	Still under notice	368
Percentage of Vaccinated children		51.86%

BIRTHS.

	West Hartlepool	Wards								Transfers IN OUT	
		N.	W.	P.	S.W.	S.E.	C.	N.E.	S.		
No. of Births	1733	306	152	153	281	182	190	178	250	101	60
Percentage of Total Births.		17.7	8.8	8.8	16.2	10.5	11.0	10.3	14.4	+ 5.8	- 3.5

BIRTH RATES

YEAR	West Hartlepool		England and Wales Birth Rate
	No. of Births	Birth Rate	
1947	1733	24.58	20.5

APPENDIX - NATURAL INCREASE OF POPULATION

The natural increase of population was 776

Rate of natural increase per 1,000 population 11.0

APPENDIX 2THE DEATHS AS THEY OCCURRED IN THE WARDS

Cause of death	Total Deaths	Wards								Transferable deaths.
		N.	W.	P.	S.W.	S.E.	C.	N.E.	S.	
Enteric Fever										
Cerebro-Spinal Fever										
Scarlet Fever	1			1						
Whooping Cough	2	1							1	
Diphtheria	1								1	
Tuberculosis (Respiratory)	45	12	3	4	3	2	4	5	8	4
Other Tuberculosis Diseases	10	2	1			1	1	2		3
Syphilitic Diseases	2	2								
Influenza	5			2				1	1	1
Measles	1	1								
Encephalitis Lethargica										
Poliencephalitis	2					1			1	
Cancer	137	31	8	6	23	9	12	10	21	17
Diabetes	6				5		1			
Heart Disease	268	38	23	41	39	20	36	28	35	8
Other Diseases of the circulatory system	18	2	2	3	5				3	3
Bronchitis	84	11	11	9	14	6	16	10	7	
Pneumonia	39	6	2	2	4	3	5	7	6	4
Other respiratory diseases	7	1	1	1		1	1	1	1	
Ulcer of the stomach and duodenum	8		1		2	1			2	2
Diarrhoea (under 2 years)	18	4	2	1	2		3	3	2	1
Appendicitis	4	1				1		1		1
Other digestive diseases	19	2	2		6			3	3	3
Nephritis	20	3	2	3	2	3	1	1	4	1
Septic Perforal Sepsis										
Other maternal causes	1								1	
Constitutional Debility and Premature Births	56	11	2	4	7	6	5	9	5	7
Suicide	5				1		2		1	1
Other violent causes (including Road Traffic accidents)	32	4	3	3	3	3	4	2	6	4
All other causes	166	25	16	19	23	14	18	13	20	18
TOTAL DEATHS	957	157	79	99	139	71	109	96	129	78

APPENDIX 3.

TABLE SHOWING CAUSES OF, AND AGES AT DEATH.

Cause of Death	All ages	Age Groups									Deaths in Instit- utions	Increase or Decrease with 1946.
		Under 1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75-up		
Enteric Fever												Same
Cerebro-Spinal Fever												-1
Scarlet Fever	1	1										+1
Whooping Cough	2	1	1									+2
Diphtheria	1						1					Same
Tuberculosis (Respiratory)	45	1		1	1	13	20	9			4	-13
Other Tuberculosis												
Disease	10	1	1	1		3	3		1		2	-2
Syphilitic Disease	2						1	1			1	-2
Influenza	5							1	2	2		+3
Measles	1	1										Same
Encephalitis												
Lethargica												-1
Poliencephalitis	2		2									+1
Cancer	137					3	9	53	54	18	19	+21
Diabetes	6							4	2		4	+3
Heart Disease	268				1		13	49	91	114	55	+30
Other Diseases of the Circulatory System	18							3	8	7	4	-5
Bronchitis	84	9	1				3	30	16	25	15	+27
Pneumonia	39	16	2		1		2	13	2	3	14	Same
Other Respiratory disease	7							6	1			-9
Ulcer of the stomach and duodenum	8					1	3	3	1		4	-2
Diarrhoea (under 2 yrs)	18	16	2								6	+14
Appendicitis	4					1	1	2			1	+3
Other digestive disease	19	3						6	7	3	5	-2
Nephritis	20						1	11	6	2	8	+4
Septic Perforal Sepsis												Same
Other Maternal causes	1						1				1	-1
Congenital Debility & Premature birth	56	56									20	+6
Suicide	5							2	2	1		
Other violent causes (including Road Traffic accidents)	32	4		1	4	2	8	6	2	5	5	+2
All other causes	166	4	1	1	2		9	48	45	56	38	+41
	957	113	10	4	9	23	75	247	240	236	206	+120

Weekly Return of Deaths from Chest Diseases.

Disease	4th Jan	11th Jan	18th Jan	25th Jan	1st Feb	8th Feb	15th Feb	22nd Feb	1st Mar	8th Mar	15th Mar	22nd Mar	29th Mar	5th Apr	12th Apr	19th Apr	26th Apr	3rd May	10th May	17th May	24th May
Phthisis	1	1	2	5	3	1	2	1	2	1	1	1	4		4	1	1	2	4	1	
Bronchitis		3	2	4	1	7	6	1	2	4	2	4				1	2	1		1	
Pneumonia	2	1	2	9	11	4	10	7	11	7	7	8	7	4	10	2	3	8	5	6	1
Heart Disease																					
Other Respiratory Disease	1	1	1									1			1						
Total	4	12	14	18	15	12	19	8	16	13	11	14	11	4	15	4	6	11	9	8	9

Disease	31st May	7th Jun	14th Jun	21st Jun	28th Jun	5th Jul	12th Jul	19th Jul	26th Jul	2nd Aug	9th Aug	16th Aug	23rd Aug	30th Aug	6th Sept	13th Sept	20th Sept	27th Sept	4th Oct	11th Oct
Phthisis	2		1	2	2		2	2			1		1		1	1	2	1	2	1
Bronchitis	1		2	1	1								2				1	1	1	
Pneumonia	1		2	1	5	4	2	5	3	4	8	6	4	1	2	2	5	5	2	3
Heart Disease	7	3	2											4	5					
Other Respiratory Disease		1																		
Total	11	4	7	4	8	4	4	7	3	4	9	6	7	5	8	3	6	7	7	4

Disease	18th Oct	25th Oct	1st Nov	8th Nov	15th Nov	22nd Nov	29th Nov	6th Dec	13th Dec	20th Dec	27th Dec	3rd Dec.	10th Dec.	Total
Phthisis	1		1		3		1	3	1	1	1			45
Bronchitis	3	3			1	2	4	5	1	3	2			84
Pneumonia		2		2	1	4	1	1		1	3			39
Heart Disease	6	4	2		4	6	2	3	6	5				268
Other Respiratory Disease												1		7
Total	10	9	3	2	8	12	8	12	8	10	6	4		443

APPENDIX 5.

DEATHS

	West Hartlepool	N.	W.	P.	S.W.	S.E.	C.	N.E.	S.	Transf erable Deaths
p. of Deaths percentage of Total Deaths	957	157	79	99	139	71	109	96	129	78
		16.3	8.3	10.3	14.5	7.4	11.4	10.0	13.5	8.3

APPENDIX 6.

TRANSFERABLE DEATHS.

INSTITUTION	MALES	FEMALES	TOTAL
Royal Victoria Infirmary, Newcastle-on-Tyne	6	2	8
Hartlepoons Hospital, Hartlepool	19	16	35
Newcastle General Hospital, Newcastle-on-Tyne	3	2	5
Wateshead Mental Hospital, Stannington	-	3	3
Emergency Hospital, Shotley Bridge	1	1	2
Prudhoe Hall Colony, Prudhoe	1	-	1
Sunderland General Hospital, Sunderland	1	1	2
Other Areas	16	6	22
Total	47	31	78

APPENDIX 7.

DEATH RATES.

Year	West Hartlepool		England and Wales
	No. of deaths	death rate	
1947	957	13.57	12.0

APPENDIX 8.

CANCER DEATHS.

Year	No. of Cancer Deaths	Males	Females	Death Rate	Deaths from All Causes	Percentage of Total Deaths
1947	137	71	66	1.94	957	14.3

APPENDIX 9

CANCER DEATHS - PART OF BODY AFFECTED.

Parts affected	Age	Under 35		35-45		45-55		55-65		65-75		Over 75		Total	
	Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Peritoneum, Intestines & Rectum				1	1	1	3	2	6	12	2	4	3	20	15
Stomach,Liver, etc.						5	3	5	4	14	8	3	5	27	20
Reproductive Organs.			2				5				4				11
Breast.			1		2		3		1		2		1		10
Other glands.															
Mouth										5				5	
Bones.				1		1								2	
Other Parts			3	1		4	1	4	5	6	1	2		17	10
TOTALS		-	6	3	3	11	15	11	16	37	17	9		71	66

The deaths were ascribed to:-

	No. of deaths.
Carcinoma	111
Sarcoma	3
Epithelioma	2
Cancer (no classification)	21
TOTAL	137

APPENDIX 10.

INFANTILE MORTALITY RATE

Year	West Hartlepool			England & Wales Rate
	Births	Deaths	Rate	
1947	1733	113	65	41

APPENDIX 11.

INFANT MORTALITY IN THE WARDS

	North	West	Park	South West	South East	Central	North East	Sea-ton.	Transfer-able	Total
Whooping Cough								1		1
Scarlet Fever			1							1
Measles	1									1
Bronchitis	1	2	1	1	1		2	1		9
Pneumonia	3			3	1	1	3	2	3	16
Congenital Heart Disease	1		1							2
Congenital Debility										
Spina Bifida										
Parasmosis	3		1		1					5
Premature Birth	4		2	7	4	1	4	3	3	28
Convulsions						2	2	1		5
Accidents					1	1				2
Diarrhoea	4	1	1	2		2	3	2	1	16
All other causes	3	2	1	3	1	3	5	3	6	27
TOTALS	20	5	8	16	9	10	19	13	13	113

APPENDIX 12.

INFANT MORTALITY DURING THE YEAR.

Deaths from stated causes at various ages under 1 year of age.

Cause of Death	Under one week.	1-2 wks	2-3 wks	3-4 wks	Total under 4 wks	1 month & under 3 mths	3-6 mths	6-9 mths	9-12 mths	Total Deaths under 1 year.
Whooping Cough						1				1
Scarlet Fever									1	1
Measles									1	1
Bronchitis	1			2	3	2	2	1	1	9
Pneumonia			2		2	4	5	3	2	16
Diarrhoea			4		4	7	4	1		16
Premature Births	18		2	3	23	5				28
Spina Bifida										
Parasmosis			1		1	2	2			5
Congenital Debility										
Congenital Heart Disease	1				1				1	2
Convulsions	1				1	3	1			5
Accidents						1	1			2
All Other Causes	13	3			16	2	6	2	1	27
Total All Causes	34	3	9	5	51	27	21	7	7	113
Certified	32	3	9	5	49	27	19	7	6	108
Uncertified	2				2		2		1	5

APPENDIX 13

MIDWIVES ACT, 1902 - Section 8 (5)

Notifications received during 1947.

N. on Midwives Roll.	Date of Certificate	NAME.	Address (All West Hartlepool unless otherwise stated)
74766	24.11.28	PICKERING, Winifred	26, Grange Road.
90631	11. 8.34	GALLIMORE, Kathleen F.M.	103, Westbourne Road.
93510	14. 8.34	GALLOWAY, Eva.	93, Oxford Road.
07246	14. 9.40	HARRISON, Eleanor.	16, Southbrooke Ave.
74779	24.11.28	MYERS, Alice Annie.	8, Wynnstay Gardens.
07285	12.12.25	PHILLIPS, Bessie.	117, Westbourne Road.
04224	19.11.33	WALKER, Lydia.	8, Bombay Grove, Seaton Carew.
98274	20. 2.37	BRAND, Marjorie.	81, Stockton Road.
15528 Scottish Roll).	8. 7.42	BROWN, Doreen.	Howbeck Hospital
95715	22. 2.36	WHITE, Bertha E.	do.
10388	13. 3.43	IRVING, Helena.	Grantully Maternity Home.
12927	26. 9.44	KEMP, Olive Celia	do.
17988	27. 6.47	McNIEL, Olive.	do.
67928	15.12.25	PIERSON, Margaret B.	do.
17503	14. 4.47	SALT, Eleanor.	do.
10530	10. 3.43	STIRLING, Mary C.	do.

Midwives Practising under Orders made by
West Hartlepool Corporation under the Defence
(General) Regulations, 1939.

69658	14. 8.26.	MONTGOMERIE, Catherine Foley.	41, Collingwood Road.
76151	25. 5.29.	TURNBULL, Janet Ferguson.	34, York Road.

APPENDIX 14

PUBLIC ABBATOIR

Animals slaughtered at Abattoir

Year	Beasts	Sheep	Calves	Pigs	Total
1938	4426	11067	694	8544	24731
1939	4729	11846	833	7686	25094
1940	3891	18953	185	4216	27245
1941	2315	12857	179	1742	17093
1942	3028	14348	69	102	17547
1943	2340	12774	38	123	15275
1944	2852	11481	37	114	14484
1945	2899	12002	20	132	15053
1946	3526	14617	634	22	18799
1947	3278	10336	43	10	13667

Year	Total Cattle slaughtered (including calves)	Number affected with Tuberculosis.	Percent -age affected	Total number of pigs Slaughtered.	Number affected with Tuberculosis.	Percent -age affected
1938	5120	84	1.64	8544	56	0.65
1939	5062	111	2.35	7686	52	1.09
1940	4076	148	3.72	4216	64	1.51
1941	2494	138	5.57	1742	36	2.06
1942	3097	135	4.45	102	2	1.96
1943	2378	124	5.25	123	2	1.62
1944	2389	102	3.57	114	-	-
1945	2919	154	5.31	132	3	2.27
1946	4160	225	6.38	22	-	-
1947	3321	417	12.55	10	1	10.00

CARCASES INSPECTED AND CONDEMNED

	Cattle exclud- ing Cows	Cows	Calves	Sheep and Lambs	Pigs	
Number killed (if known)	3278		43	10336	10	
Number inspected						
All diseases except tuberculosis. Whole carcasses condemned.	1		1	19	-	
Carcasses of which some part or organ was condemned. Percentage of the inspected affected with diseases other than tuberculosis.	1860	179	4	921	2	
	62.23		11.62	9.09	20.0	
Tuberculosis only. Whole carcasses condemned.	14	9			1	
Carcasses of which some part or organ was condemned. Percentage of the number inspected affected with tuberculosis.	343	51	1	-	-	
	12.72		1.32		10.0	

A P P E N D I X 15.FOOD SURRENDERED AND DESTROYED.

1289	tins	of Meat
912	..	Milk
2135	..	Fish, Fruit & Vegetables.
6	..	Potted Meat
48 $\frac{3}{4}$	lb. ..	Cheese.
76 $\frac{1}{2}$	..	Sweets
105 $\frac{1}{2}$	..	Butter
94	..	Ham and Bacon
141	..	Preserves
1305	..	Beef and Mutton
130	..	Hors D'Oeuvre
13 $\frac{1}{2}$	..	Oats
1007	..	Flour
33	..	Sugar
1 $\frac{1}{4}$	..	Semolina
13 $\frac{1}{2}$	..	Cake
8	..	Tongue
46	..	Sausage
11	..	Prunes
56	..	Biscuits
240	..	Coffee Beans
15	..	Milk Powder
364	..	Ice-cream Powder
468	..	Fish
114	..	Kippers
55	..	Prawns
36	..	Fish Cakes
4	jars	Pickles
2 $\frac{1}{2}$	gross jars	Herring Spread
1	pkt.	Dried Egg.
6	..	Creamola
102	..	Table Dessert Powder
99	..	Soup and Gravy Salts

SALE OF FOOD AND DRUGS ACTS - ADULTERATED SAMPLES - ACTION TAKEN

Article Purchased	Number Anal- ysed	Formal Samples	Informal Samples	Number Genuine	Number Adulte- rated	No. of Sample	Nature of Adulteration	Remarks and Action Taken
Milk	103	14	89	88	15	946	(Below standard in fat to extent of 6.7%	Course of delivery samples 951-954 (incl) taken. Farmer cautioned.
						953	(-do- 6.7%	
						954	(-do- 5. %	
						972	(Below standard in fat to extent of 5. %	Course of delivery samples 996, 997, taken. Appeal to Cow sample 999 taken. No proceedings taken.
						996	(-do- 16.7%	
						999	(-do-	
						987	(Below standard in fat to extent of 3.4%	Course of delivery samples 994, 995 taken. - Genuine. Course of delivery samples 33, 34 taken. Appeal to Cow samples 37, 38 taken. Genuine. Farmer prosecuted. Fined 40s. Costs 10s6d. Farmer's attention drawn to result on suggestion of Public Analyst. Farmer's attention drawn to result on suggestion of Public Analyst. Samples 82, 83 taken
						4	(Below standard in fat to extent of 15%	
						34	(Below standard in fat to extent of 18.4%	
								Formal samples 84, 85 taken. Farmer cautioned.
						54	(Below standard in fat to extent of 6.7%	
						56	(Below standard in fat to extent of 8.4%	
						58	(Below standard in fat to extent of 2.5%	Formal samples 84, 85 taken. Farmer cautioned.
						70	(Below standard in fat to extent of 16%	
						83	(-do- 11.7%	
						84	(Below standard in fat to extent of 10% and slightly (below standard in non-fatty solids, not due to addition of water.	
Dried Beans	1	-	1	-	1	31	Of inferior quality owing to presence of foreign matters.	Stock destroyed.
Wheat flour	1	-	1	-	1	32	Infested with insects and maggots.	Stock destroyed.
Smoked Herring Paste	1	-	1	-	1	66	Not of sound condition.	Stock withdrawn from sale.
Vinegar	2	1	1	2	-	-	-	-
Borax	1	-	1	1	-	-	-	-
Camphorated Oil	1	-	1	1	-	-	-	-
Glycerine	4	-	4	4	-	-	-	-
Cream of Tartar	2	-	2	2	-	-	-	-
Bicarbonate of Soda	1	-	1	1	-	-	-	-
Compound Syrup of Figs	1	-	1	1	-	-	-	-
Cinnamon and Quinine in Lemon Syrup	1	-	1	1	-	-	-	-
Epsom Salts	1	-	1	1	-	-	-	-
Saccharine	2	-	2	2	-	-	-	-
Baking Powder	2	-	2	2	-	-	-	-
Pepper	1	-	1	1	-	-	-	-
Liquid Mustard	1	-	1	1	-	-	-	-
Sage & Onion Stuffing	2	-	2	2	-	-	-	-
Powdered Gelatine	1	-	1	1	-	-	-	-
Curry Powder	1	-	1	1	-	-	-	-
Black Pudding	2	-	2	2	-	-	-	-
Mussels	1	-	1	1	-	-	-	-
Winkles	2	-	2	2	-	-	-	-
Pickled Onions	1	-	1	1	-	-	-	-
Boiled Peas	1	-	1	1	-	-	-	-
Dried Peas	1	-	1	1	-	-	-	-
Mashed Potato Powder	1	-	1	1	-	-	-	-
Potted Meat	1	-	1	1	-	-	-	-
Cod Liver	1	-	1	1	-	-	-	-
Whalemeat Polony	1	-	1	1	-	-	-	-
Fish Cakes	1	-	1	1	-	-	-	-
Sausage	1	-	1	1	-	-	-	-
Ginger Wine Essence	1	-	1	1	-	-	-	-

A P P E N D I X 16. (continued)

SALE OF FOOD AND DRUGS ACTS - ADULTERATED SAMPLES - ACTION TAKEN.

Articles Purchased	Number Anal- sed.	Formal Samples.	Informal Samples.	Number Genuine.	Number Adult- erated	No. of Sample.	Nature of Adulteration	Remarks and Action taken
Ice-cream	3	-	3	3	-	-	-	-
Fruit Cordials	3	-	3	3	-	-	-	-
Steamed Pudding - Mixture	1	-	1	1	-	-	-	-
Cake Mixture	1	-	1	1	-	-	-	-
Custard Powder	1	-	1	1	-	-	-	-
Ground Ginger	1	-	1	1	-	-	-	-
Kali Powder	1	-	1	1	-	-	-	-
Sauce	1	-	1	1	-	-	-	-
Cake Flavours	3	-	3	3	-	-	-	-
Coffee	1	-	1	1	-	-	-	-
Dried Egg.	1	-	1	1	-	-	-	-
Picallili	1	-	1	1	-	-	-	-
Liquid Meat Extract	1	-	1	1	-	-	-	-
Cream Substitute	1	-	1	1	-	-	-	-

APPENDIX 18.

NOTIFIABLE DISEASES DURING THE YEAR - HOSPITAL CASES

DISEASE	TOTAL CASES NOTIFIED	NO. OF SUCH CASES TREATED IN HOSPITAL	TOTAL DEATHS
Scarlet Fever	228	164	1
Diphtheria	36	35	-
Erysipelas	11	3	-
Puerperal Pyrexia and Fever	6	5	-
Ophthalmia Neonatorum	2	-	-
Measles	408	27	-
Dysentery	1	1	-
Pneumonia	128	9	1
Whooping Cough	17	2	-
Typhoid	1	1	-
Meningitis	7	6	4
Paratyphoid	1	1	-
Polio-myelitis	9	6	2

DISEASE	HOSPITAL					Total
	Grantully Mat.Home	Isolation Hospital	Howbeck Hospital	Cameron Hospital	H'pools Hospital	
Scarlet Fever	-	164	-	(a) 1	-	164
Diphtheria	-	44	-	-	-	44
Erysipelas	-	3	-	-	-	3
Puerperal Fever and Pyrexia	-	5	-	-	-	5
Ophthalmia Neon- atorum	-	-	-	-	-	-
Measles	-	27	(c) 2	(a) 2	-	27
Malaria	-	-	-	-	-	-
Pneumonia	-	9	6	1	-	16
Whooping Cough	-	2	-	-	(b) 1	2
Typhoid	-	1	-	-	-	1
Meningitis	-	6	-	-	-	6
Paratyphoid	-	1	-	-	-	1
Polio-myelitis	-	6	-	-	-	6

- (a) Three cases transferred from Cameron Hospital to Isolation Hospital
(b) One case transferred from Hartlepoons Hospital to Isolation Hospital
(c) Two cases transferred from Howbeck Hospital to Isolation Hospital.

Disease	Cases			Vision Impaired	Vision Unimpaired	Total Blind ness	Deaths
	Notified		Treated Hospital				
		At Home					
ophthalmia neonatorum	2	2			2		

APPENDIX 19

Disease	At All Ages	CASES NOTIFIED IN WHOLE DISTRICT												WARD DISTRIBUTION OF CASES								No. of Cases Treated in Hospital
		At Age Groups - Years												N'th	West	Park	S. est	S. East	Central	N. East	Sea- ton	
		Un- der 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & up									
Scarlet Fever	228	2	4	10	15	19	93	53	20	6	4	2	-	46	21	27	35	18	16	26	39	164
Diphtheria.	36	1	2	-	3	2	5	8	5	8	2	-	-	7	4	6	3	2	5	6	3	35
Erysipelas.	11	-	-	-	-	-	-	-	-	2	3	6	-	1	-	-	3	1	2	3	1	3
Puerperal Pyrexia.	5	-	-	-	-	-	-	-	1	1	3	-	-	2	-	1	-	2	-	-	-	2
Ophthalmia Neonatorum.	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Measles.	408	32	46	59	80	55	134	2	-	-	-	-	-	72	51	37	58	38	45	59	80	27
Dysentery.	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	1
Malaria.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia.	128	12	7	11	7	4	9	2	1	15	17	31	12	19	17	14	16	13	18	16	15	9
Whooping Cough.	18	5	1	3	4	2	3	-	-	-	-	-	-	-	3	3	5	1	1	2	3	2
Typhoid.	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Meningitis.	7	-	1	1	-	-	2	-	1	1	1	-	-	1	1	1	-	-	1	-	3	6
Pulmonary T.B.	102	-	1	-	-	-	1	4	22	43	16	15	-	16	8	8	15	9	14	10	13	-
Non-Pulmonary T.B.	24	-	1	1	3	2	-	2	5	7	3	-	-	9	2	1	3	1	2	1	5	-
TOTALS	971	54	63	85	112	84	248	71	55	83	50	54	12	174	107	93	138	85	93	110	138	352

ALL NOTIFIED CASES OF TUBERCULOSIS 1947.

AGE AGE	LUNGS		ABDOMEN		MENINGES		JOINTS		SPINE		OTHER ORGANS		DISSEMINATED		ALL FORMS			
	M	F	Totals	M	F	Totals	M	F	Totals	M	F	Totals	M	F	Totals	M	F	Totals
Under 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 & under 2	1	-	1	-	-	-	-	-	-	-	1	1	-	-	1	1	2	2
2 "	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1
3 "	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2	1	3	3
4 "	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	2	2	2
5 "	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
10 "	2	2	4	-	-	-	1	-	-	-	1	1	-	-	3	3	6	6
15 "	9	11	20	-	-	2	-	2	2	1	-	-	1	-	11	14	25	25
20 "	3	15	18	1	-	-	-	1	1	-	-	1	-	-	4	17	21	21
25 "	13	14	27	-	-	1	-	-	-	2	-	-	-	-	13	17	30	30
35 "	10	6	16	-	-	-	1	2	3	-	-	1	-	-	11	9	20	20
45 "	8	3	11	-	-	-	-	-	-	-	-	-	-	-	8	3	11	11
55 "	2	2	4	-	-	-	-	-	-	-	-	-	-	-	2	2	4	4
65 & Over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS:--	49	53	101	1	1	2	3	2	5	1	3	6	9	4	57	69	126	126

TUBERCULOSIS - NEW CASES AND MORTALITY, 1947

AGE PERIODS	NEW CASES				DEATHS			
	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	Male	Female	Male	Female	Male	Female	Male	Female
0	-	-	-	-	-	1	-	1
1 year	1	-	3	4	1	-	2	-
5 years	1	-	-	-	-	-	-	-
10 years	2	2	1	1	1	-	-	-
15 years	10	12	2	3	2	3	2	1
20 years	3	15	1	2	1	7	-	-
25 years	13	14	1	3	5	5	-	2
35 years	10	5	-	3	6	4	-	1
45 years	8	2	-	-	4	3	-	-
55 years	2	2	-	-	1	1	-	-
and 65 upwards	-	-	-	-	-	-	-	1
TOTALS	50	52	8	16	21	24	4	6

APPENDIX 22.TUBERCULOSIS - NUMBER OF CASES ON THE REGISTER ON 31ST. DECEMBER, 1947.

PULMONARY			NON-PULMONARY			TOTAL CASES
Males	Females	Total	Males	Females	Total	
204	172	376	75	74	149	

APPENDIX 23DEATHS FROM TUBERCULOSISINTERVALS BETWEEN NOTIFICATION AND DEATHS

PERIOD	PARTS AFFECTED					TOTAL
	Lungs	Bones	Meninges	Abdominal	General	
Notified	7	-	3	-	3	13
1 week	2	-	1	-	-	3
4 weeks	3	-	-	-	-	3
3 months	1	-	-	-	-	1
6 months	6	-	-	-	-	6
12 months	1	-	1	-	-	2
2 years	7	-	-	-	-	7
5 years	10	1	-	-	-	11
or 5 years	8	-	-	-	1	9
als	45	1	5	-	4	55

APPENDIX 24HOWBECK HOSPITALTREATMENT OF SCABIES AND IMPETIGO.

The following tables show in detail treatment given in respect of the above diseases.

IN-PATIENTS - (DAYS IN HOSPITAL)

	0 - 5		5 - 16		16 Upwards		Total	
	M	F	M	F	M	F	M	F
SCABIES	53	19	19	29	31	30	103	78
IMPETIGO	130	125	55	55	10	-	195	180
SCABIES AND IMPETIGO	3	16	6	20	-	8	9	44
TOTALS	186	160	80	104	41	38	307	302

OUT-PATIENTS - (ATTENDANCES)

	0 - 5		5 - 16		16 Upwards		Total	
	M	F	M	F	M	F	M	F
SCABIES	5	44	615	812	-	6	618	862
IMPETIGO	-	-	25	-	-	-	25	-
SCABIES AND IMPETIGO	-	-	-	9	-	-	-	9
TOTALS	3	44	640	821	-	6	643	871

TOTAL IN-PATIENTS DURING 1947 53

TOTAL OUT-PATIENTS ATTENDING DURING 1947 99

APPENDIX 25

BIRTH RATE, DEATH RATE, AND ANALYSIS OF MORTALITY 1947.

	England & Wales	126 County Boroughs & Great Towns including London.	148 Smaller Towns estimated resident population 25,000 to 40,000 Census 1931.	London Admin- istra- tive County	West Hartle pool.
<u>Rate per 1,000</u> <u>of the Total Population</u>					
Births	20.5	23.3	22.2	22.7	24.58
Still Births	0.5	0.62	0.54	0.49	0.65
<u>Rate of Death</u> <u>per 1,000</u>					
Causes	12.0	13.0	11.9	12.8	13.57
Bacterial Fever	0.00	0.00	0.00	0.00	0.00
Diphtheria	0.00	0.00	0.00	0.00	0.00
Scarlet Fever	0.01	0.02	0.02	0.01	0.01
Whooping Cough	0.00	0.00	0.00	0.00	0.01
Pneumonia	0.03	0.03	0.02	0.02	0.03
Tuberculosis	0.01	0.01	0.01	0.01	0.01
Influenza	0.09	0.09	0.08	0.08	0.07
<u>Rate per 1,000</u> <u>of Births</u>					
Gonorrhoea and Syphilis (under 15 years)	5.8	8.0	3.7	4.8	10.38
Total Deaths per 1 year	41	47	36	37	65

FACTORY AND WORKSHOP ACT, 1901
FACTORIES ACT, 1937.

INSPECTIONS FOR PURPOSE OF PROVISIONS AS TO HEALTH
INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Prosecutions (4)
Factories with mechanical power	70	14	-
Factories without mechanical power	122	12	-
Other premises under the Act, including works of building and engineering construction but not including outworkers premises.	2	-	-
Total	194	26	-

DEFECTS FOUND

Particulars (1)	Number of Defects			No. of defects in respect of which prosecutions were instituted. (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Lack of cleanliness	16	16	-	-
Overcrowding	-	-	-	-
Unreasonable temperature	3	3	-	-
Inadequate ventilation	-	-	-	-
Ineffective draining of floors	1	1	1	-
Sanitary Conveniences:-				
Insufficient	3	2	-	-
Unsuitable or defective	3	3	-	-
Not separate for sexes	-	-	-	-
(Other Offences (not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (F. & W. Transfer of Powers) Order 1921, and re-enacted in the Third Schedule to the Factories Act, 1937).)	-	-	-	-
TOTALS	26	25	1	-

